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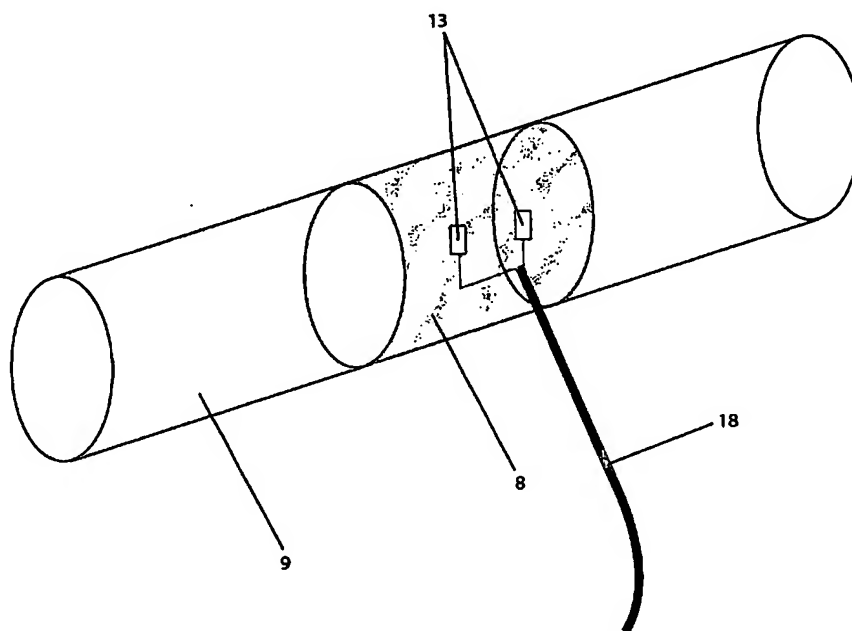
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(54) Title: **BLOOD PRESSURE DETECTING DEVICE AND SYSTEM**



(57) Abstract: An implantable device including a cuff (8) positioned to contact the outer surface of a tubular body (9) carrying blood. A sensor (13) to measure blood pressure is encapsulated within the cuff. The device does not occlude or adversely affect the flow or blood pressure within a patient's circulatory system. Also disclosed is a system to control an implantable blood pump using a pressure based on a pressure measurement of blood flow at the inlet to the pump.

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